



Transportation
Security
Administration

ACTION

MEMORANDUM FOR: Alex Wiggins
Chief of Security Officer
Los Angeles Metropolitan Transit (LA Metro)

FROM: Robert A. Pryor
Director of Intermodal
Transportation Security Administration (TSA)
Office of Requirements and Capabilities (ORCA)

SUBJECT: Technology Recommendation

In November 2006, in response to the legislative requirements of the Implementing Recommendations of the 9/11 Act, TSA established a focused surface transportation security technology program. TSA engaged with major mass transit end-users including LA Metro, and have assessed and evaluated the effectiveness and suitability of the detection-at-range technologies: Thruvision TAC and QinetiQ SPO-NX.

The TSA evaluation of these security technologies consisted of a series of laboratory tests, which included several thousand double blind runs against TSAs established PBIED threat library. The systems were also inserted into field operational test beds. The systems were successfully used in previous National Security Special Events (NSSE) (such as Super Bowl XLVIII, the 2015 Pope Francis Visit to the U.S., and the 2016 Democratic National Convention) and piloted at New Jersey Transit, Amtrak NY Penn Station, DC Union Station and LA Metro. These different mass transit pilot events provided end-users an opportunity to use the systems in high-throughput operational settings. Also, these systems were demonstrated for Congress to multiple representatives from the House and Senate.

TSA's extensive laboratory and field evaluations have demonstrated that the Thruvision TAC and QinetiQ SPO-NX are effective and suitable when employed in accordance with their established capabilities and limitations, which have been reported by TSA and are also available upon request, and in conjunction with appropriate concepts of operations.